

CASE IA/3-22333/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

e or print name

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

JONATHAN HUGHES

Examiner:

Group Art Unit:

JONATTIANTIOGRES

INTERNATIONAL APPLICATION NO. PCT/EP 03/08291

FILED: JULY 28, 2003

FOR: PRODUCTION OF FERMENTATION PRODUCT

U.S. APPLICATION NO: 10/523,302

35 USC 371 DATE: JANUARY 31, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

Enclosed herewith is a copy of the British Search Report. Except for the U.S. patents, copies of these references along with English language abstracts are enclosed herewith. Also enclosed are copies of the Kim et al and Stenberg et al articles, the NREL article, an Abstract of the Makromol. Chemistry article, EP 105933 and EP 102759.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,

Shiela A. Loggins

Reg. No. 56,221

Agent for Applicants

Sheela a Loggins

Ciba Specialty Chemicals Corporation Patent Department 540 White Plains Road

P.O. Box 2005 Tarrytown, NY 10591-9005 (914) 785-2768

Encl. References PTO-1449 Forms

GB Search Report

Q 29 2005 E						Sheet 1	of 4.	
ORM PTO	449			Docket Number (Optional)		Application		
T& TRADE				IA/3-22333/PCT		10/523,	302	
INFO	DRMATION DISCLOSU IN AN APPLICA		TION	Applicant JONATHAN HUGH	ES			
				Filing Date		Group Art	Jnit	
	(Use several sheets if ne	ecessary)		JANUARY 31, 2005				
			U. S. PATEN	T DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,525,218	6/85	Chen et al		127	37		
	5,705,369	1/98	Torget et al		435	105		
	5,628,830	5/97	Brink		127	36		
	5,529,699	6/96	Kuo et al		210	735		
	4,384,897	5/83	Brink		127	37		
		FC	OREIGN PATI	ENT DOCUMENTS				
							Translation	
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO
	2017707	10/79	Great Britain					
	99/50195	10/99	PCT/World					
	01/34908	5/01	PCT/World		ļ			
	94/29475	12/94	PCT/World					
	3107950	9/82	Germany		1			
	OTHE	R DOCU	MENTS (includ	ng Author, Title, Date, Pertin	ent Pages, Etc.)			
	Y Kholkin et al., Ap	plied Bioc	hemistry and B	iotechnology, Vol. 82,	No. 2, pp. 13	5-140 (1999)		
	Derwent Abstr. 1993	-150324 f	for SU 1733477	(1992)				
	Derwent Abstr. 1997	-488205 f	for RU 2077594	(1997)				
VALUED								
XAMINER	/Peter Hru	skoci/		DATE CONSIDERED	03/12/2008			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. Sheet 2 of 4.

Sheet

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		FC	PREIGN PATENT DOCUMENTS			
					1	Translation

DOCUMENT NUMBER	DATE		CLASS	SUBCLASS	Translation	
		COUNTRY			YES	NO
61204100	9/86	Japan	.]			
0150933	8/97	Europe				
0102759	3/84	Europe				
	61204100 0150933	61204100 9/86 0150933 8/97	61204100 9/86 Japan 0150933 8/97 Europe	61204100 9/86 Japan 0150933 8/97 Europe	61204100 9/86 Japan 0150933 8/97 Europe	DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES

OTHER DOCUMENTS (including Author, Title, Date, Perlinent Pages, Etc.)

Tucker et al., Applied Biochemistry and Biotechnology, Vol. 70-72, No. 0, (1998), pp. 25-35

Shell et al., Applied Biochemistry and Biotechnology, Vol. 70-72, No. 0, (1998), pp. 17-24

Derwent Abstr. 1982-79144E [38] for DE 3107950 (1982)

EXAMINER

/Peter Hruskoci/

DATE CONSIDERED

03/12/2008

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

OIP E YES
APR 2 9 2005
3 4 4 10-1449

Sheet 3 of 4 .

Docket Number (Optional) Application Number

IA/3-22333/PCT 10/523.302

Applicant INFORMATION DISCLOSURE CITATION IN AN APPLICATION JONATHAN HUGHES Filing Date Group Art Unit (Use several sheets if necessary) **JANUARY 31, 2005** U. S. PATENT DOCUMENTS FYAMINER FILING DATE IF SUBCLASS INITIAL DOCUMENT NUMBER DATE NAME CLASS APPROPRIATE FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) Derwent Abstr. 1986-281090 [43] for JP 61204100 (1986) Kim et al., Applied Biochemistry and Biotechnology, Vol. 91-93, (2001), pp. 253-267 NREL/TP-580-26157, July 1999, "Lignocellulosic Biomass to Ethanol Process Design and Economics Utilizing Co-Current Dilute Acid Prehydrolysis and Enzymatic Hydrolysis Current and Futuristic Scenarios" EXAMINER DATE CONSIDERED /Peter Hruskoci/ 03/12/2008 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

OIP E YOU	
APR 2 9 7005	
STORM BOX 1449	

Sheet 4 of 4.

1449	Docket Number (Optional)	Application Number			
	IA/3-22333/PCT	10/523,302			
INFORMATION DISCLOSURE CITATION	Applicant				
IN AN APPLICATION	JONATHAN HUGHES				
	CT D-4	Out on Add Holy			

	IN AN APPLICATION			JONATHAN HUGHES Filing Date Group Art Unit					
(Use several sheets if necessary)				JANUARY 31, 2005					
	(OSE SETCIM SHECKS II HE		S PATEN	T DOCUMENTS					
EXAMINER		T	OTATE				FILING		
INITIAL	DOCUMENT NUMBER	DATE		NAME	CLAS	S SUBCLASS	APPRO	PRIATE	
	T								
	 						-		
							<u> </u>		
					- 1	j			
		T T						-	
		FOF	REIGN PAT	ENT DOCUMEN	IS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLAS	S SUBCLASS	Trans YES	lation	
	DOCOMENT NOMBER	DATE		COUNTRY	CLAS	5 SUBCLASS	TES	NO	
					1		1	l	
								_	
	OTHE	R DOCUM	ENTS (includ	ing Author, Title, Date,	Pertinent Pages,	Etc.)			
	T								
	OTHE Stenberg et al., Appl								
	Stenberg et al., Appli	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998),	pp. 697-708			
	T	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998),	pp. 697-708	1		
	Stenberg et al., Appli	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998),	pp. 697-708	1		
	Stenberg et al., Appli	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998),	pp. 697-708	1		
	Stenberg et al., Appli	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998),	pp. 697-708	1		
EXAMINER	Stenberg et al., Appli	ied Biochem	istry and Bio	otechnology, Vol.	70-72, (1998), 5), Vol. 186, N	pp. 697-708	1		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through